

WHAT IS CLAIMED IS:

1. A display control device comprising:  
a cathode ray tube (CRT) control unit for  
5 transferring, to a CRT display, a CRT transfer clock  
signal, a video data signal and a synchronous signal  
in accordance with the CRT transfer clock signal  
generated from a first clock signal having a constant  
and stable cycle; and  
10 a liquid crystal display (LCD) control unit for  
transferring, to a LCD display, a LCD transfer clock  
signal, a video data signal and a synchronous signal  
in accordance with the LCD transfer clock signal  
generated from a second clock signal as a spread  
15 spectrum clocking signal generated based on the first  
clock signal.

2. A display control device according to claim  
1, wherein said CRT control unit and said LCD control  
20 unit respectively receive video data for a transfer  
object which are stored on a video memory in  
accordance with readout timing generated from the  
second clock.

25 3. A display control device according to claim  
2, wherein said CRT control unit and said LCD control  
unit transfer the video data at such timing that the

same picture is displayed substantially simultaneously on the CRT display and on the LCD display.

5           4. A display control device according to claim  
3, wherein the readout timing is generated  
synchronizing with a display cycle of the LCD display,  
said LCD control unit receives the video data  
for the transfer object that are stored on the video  
10 memory each time the readout timing is generated, and  
said CRT control unit receives the video data  
for the transfer object which are stored on the video  
memory only in a case where the readout timing  
further synchronizing with a display cycle of the CRT  
15 display is generated.

5. A display control device according to claim  
1, further comprising a monitoring unit monitoring a  
transfer quantity of the video data per unit time and  
20 outputting a signal for controlling a width of the  
spread spectrum of the second clock in accordance  
with the transfer quantity of the video data.

6. A display control device according to claim  
25 1, wherein said display control device is structured,  
into one chip, together with said video memory for  
storing the video data for the transfer object.

7. A display control device according to claim  
1, further comprising a digital visual interface,

wherein in the case of displaying the picture  
on the CRT display, the video data from said CRT  
5 control unit are transferred to the CRT display via  
said digital visual interface, and

in the case of displaying the picture on the  
liquid crystal display, the video data from said LCD  
control unit, the horizontal/vertical synchronous  
10 signals and the second clock are transferred to the  
liquid crystal display via said digital visual  
interface.

8. A display control device according to claim  
15 1, wherein said display control device is structured,  
into one chip, together with a chip connecting a  
central processing unit (CPU), a main memory and an  
extension bus to each other, and serving as a bridge  
for the data therebetween.